

Converting Colors

Android(4280971224)

Have a look what the booklet for
Android(4280971224) contains.

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Color

Android(4280971224)

Conversions

Conversions Part 1

Format	Color
Hex	2A6FD8
RGB	42, 111, 216
RGB Percent	16%, 44%, 85%
CMY	0.8353, 0.5647, 0.1529
CMYK	0.81, 0.49, 0.00, 0.15
HSL	216°, 69%, 51%
HSV	216°, 81%, 85%
XYZ	19.0340, 16.8190, 67.2089
YIQ	102.3390, -74.8290, 18.0270

Conversions

Conversions Part 2

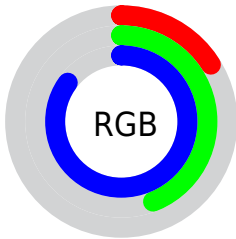
Format	Color
R _Y B	42, 91, 216
Decimal	2781144
CIE Lab	48.03, 16.53, -59.89
CIE LCh	48, 62.130, 285.431
Yxy	16.8190, 0.1847, 0.1632
Android (android.graphics.Color)	4280971224 (0xFF2A6FD8)
YUV	102.3390, 56.0349, -52.9173
Hunter-Lab	41.0110, 11.0760, -68.4570

Details

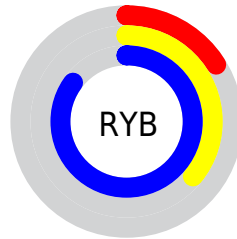
The Android color `4280971224` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292383530`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285768447`, and `4278206624` is the 20% darker color. If you saturate the color by 10%, you get `4279526104`, and if you desaturate by 10%, it is `4282416344`.

Distribution



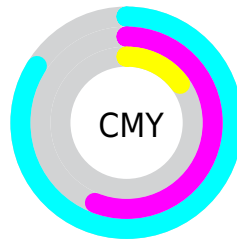
- Red (16%)
- Green (44%)
- Blue (85%)



- Red (16%)
- Yellow (36%)
- Blue (85%)



- Cyan (81%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280971224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280971224 by changing the saturation by 10% instead.

 4280971224

 4280971224

4294967295

 4278212540

 4285768447

 4278206624

 4287806975

 4278201477

 4289845503

 4278196588

 4291819007

 4278191443

 4293853183

 4278191674

 4278190628

 4278190092

 4278190080

■ 4280971224

■ 4280971224

■ 4279526104

■ 4282416344

■ 4278212312

■ 4283795928

■ 4285241048

■ 4286620632

■ 4288065752

■ 4289510872

■ 4290890456

■ 4292335576

■ 4293715160

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278222808



4280971224



4288042684

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280971224



4290793000



4278224982

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280971224



4292383530

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4281303839



4280971224



4288570880

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280971224



4291705177



4285560832



4278225548

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280971224



4290200991



4285560832



4278224708

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280971224



4290960127



4280998034



4284180864



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280971224



4278741759



4282067672



4284507499



4278207659



4278194475

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292356719



4294903914



4291287082



4285227109



4289396804



4281008145

Previews

White Background



This preview shows how the Android color 4280971224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280971224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

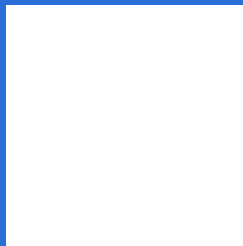
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280971224 Background



This preview shows how black text looks on a background with the Android color 4280971224.



This preview shows how white text looks on a background with the Android color 4280971224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4280971224

Protanomaly
4281495255

Deuteranomaly
4279202512

Tritanomaly
4279204260

Monochromacy



Original Color
4280971224

Achromatopsia
4284900966

Achromatomaly
4283459983

CSS Examples

Text

The CSS property to change the color of the text to Android 4280971224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(42, 111, 216)` looks like.

```
.text, #text, p{  
    color:rgb(42, 111, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(42, 111, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 111, 216) }
```

Border

The CSS property to change the border of an element to Android 4280971224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(42, 111, 216) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(42, 111, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(42, 111, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 111, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 111, 216);  
box-shadow:4px 4px 4px 4px rgb(42, 111,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4280971224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 111, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(42, 111,  
216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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